

# 이하선 임파절 전이를 동반한 상안검의 Merkel Cell Carcinoma 1예

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## A Case of Merkel Cell Carcinoma with Parotid Lymph Node Metastasis

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### ABSTRACT

Merkel cell carcinoma is an unusual skin tumor of neuroendocrine origin. The incidence of tumor in the head and neck region is approximately 50%. Most of these carcinomas occur in the elderly patients. The treatment of choice is wide local excision of the primary lesion and regional lymph nodes followed by irradiation. Local recurrence develops in 26 -44% of patients despite treatment, and distant metastasis occurs in one third of all patients. Reported overall five-year survival rates range from 30% to 64%. We report a case of Merkel cell carcinoma on the upper eyelid with parotid lymph node metastasis. The pathology, clinical appearance and management of this rare tumor are discussed. (Korean J Otolaryngol 1999;42:258-61)

**KEY WORDS :** Merkel cell carcinoma · Upper eyelid · Parotid gland.

Merkel cell carcinoma (MCC) is a rare, aggressive, neuroendocrine tumor of the skin. It is characterized by a high incidence of local recurrence and distant metastasis. The tumor typically presents as a painless, firm nodule on the skin. The most common sites of primary tumor are the head and neck region, followed by the extremities and trunk. The incidence of MCC in the head and neck region is approximately 50%. Most of these carcinomas occur in the elderly patients. The treatment of choice is wide local excision of the primary lesion and regional lymph nodes followed by irradiation. Local recurrence develops in 26 -44% of patients despite treatment, and distant metastasis occurs in one third of all patients. Reported overall five-year survival rates range from 30% to 64%. We report a case of Merkel cell carcinoma on the upper eyelid with parotid lymph node metastasis. The pathology, clinical appearance and management of this rare tumor are discussed. (Korean J Otolaryngol 1999;42:258-61)

**KEY WORDS :** Merkel cell carcinoma · Upper eyelid · Parotid gland.

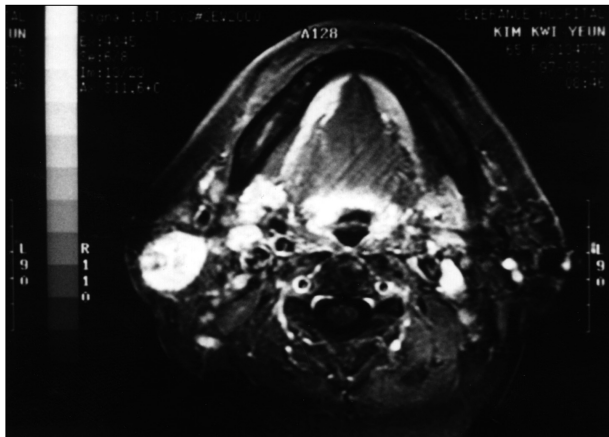
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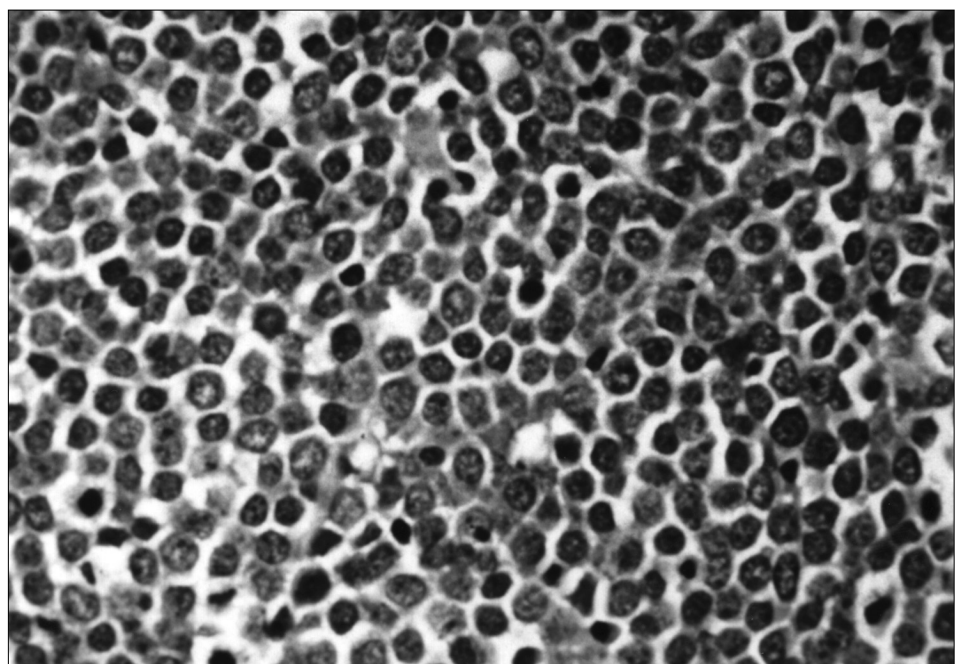
(nucleoli)  
(Fig. 3). Chromogranin



**Fig. 1.** Small papular pinkish mass in the right upper eyelid.



**Fig. 2.** T2-weighted axial MR image shows a round mass of isosignal intensity in right parotid gland.



**Fig. 3.** Microphotograph of tumor tissue shows small undifferentiated cells with ill-defined cytoplasmic borders. There were no nucleoli(H & E  $\times 400$ ).

(Fig. 4).

. 1997 3 28

0.5 cm

1.5  $\times$  2 cm 가 Tensel lateral  
semicircular rotation flap

Merkel cell carcinoma

1997

4 1

3  $\times$  3  $\times$  4 cm

가 . 10

11

3

5,400 cGy

1998 5

14

Merkel cell

melanin

가

(neural crest) epidermal

stem cell

.<sup>3)</sup> Merkel cell carcinoma

(MCC) 1972 Toker

.<sup>4)</sup>

(small cell cancer of skin),<sup>5)</sup> neuroendocrine  
carcinoma,<sup>6)</sup> APUDoma<sup>7)</sup> . MCC

60

8) 55%가 , 40% 가  
 , 5% (trunk) 1) MCC 가가  
가 22~80% 가  
26~75% 9) , ,  
8) cyclophosphamide, doxorubicin, vincris-  
가 tine cis - platin 14) Sharma 15)  
 , , 38% 31%  
가 , 가 가  
 , 5 14) 26~44% 2)  
30~64%  
hematoxylin - eosin non - Hodgkin ' s lym - Mer -  
phoma malignant melanoma 가 kel cell carcinoma  
 , neuron specific en - 14  
olase chromogranin  
10) chromog -  
ranin neuron specific enolase : Merkel cell carcinoma . . .

(granule) .<sup>11)</sup>

,<sup>12)</sup> 2.5~3 cm

가 .<sup>9)</sup>

40~60 Gy가 ,

(elective neck dissection) 가 .<sup>13)</sup>

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